

CLAIMS

1. The use of lactadherin or a variant thereof, for the preparation of a composition for regulating the immune response.
- 5 2. The use according to claim 1, for the inhibition of the cross-priming of antigens.
3. The use according to claim 2, of a variant of lactadherin lacking a functional phospholipid binding site and/or a functional integrin binding site.
- 10 4. The use according to claim 1, for the stimulation of the phagocytosis of antigens by dendritic cells.
5. The use according to claim 1, for the stimulation of the cross-priming of antigens.
- 15 6. The use of lactadherin or a variant thereof, for the preparation of a composition for the delivery of a molecule to a dendritic cell.
- 20 7. The use according to any one of the preceding claims, wherein the lactadherin or variant thereof is human lactadherin or a variant thereof.
8. A composition comprising lactadherin or a variant thereof in association with a molecule.
- 25 9. The composition of claim 8, wherein said molecule is covalently associated to the lactadherin or variant thereof.
10. The composition of claim 8, comprising a liposome.
- 30 11. An immunogenic composition comprising lactadherin or a variant thereof in association with an antigen.

SUP
A1

SUP
A2

POLICE OFFICER = **PO**

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ADD
B4

19. A recombinant cell expressing lactadherin as a surface molecule.